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**Screening;** *see* Mass screening

**Scurvy;** *see* Ascorbic acid

**Sepsis**
Effects of dichloroacetate and ubiquinone infusions on glycolysis activity and thermal sensitivity during sepsis (L'Her and Sebert). 2004;143:352-7
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**Stanol and sterol esters**
Effects of plant stanol and sterol esters on serum phytosterols in a family with familial hypercholesterolemia including a homozygous subject (Ketomaki et al). 2004;143:255-62
Soybeans (Hammerschmidt). 2004;143:263 (About the cover)
This month in J Lab Clin Med (Hammerschmidt). 2004;143: 195-6

*Staphylococcus aureus*
Role of complement receptors 1 and 2 (CD35 and CD21), C3, C4, and C5 in survival by mice of *Staphylococcus aureus* bacteremia (Cunnion et al). 2004;143:358-65

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**Stem cells**

Controversy on adult stem-cell plasticity and rules governing the use of fetal tissue in China (Tang). 2004;143:199-200 (Editorial)

Mechanisms of and perspectives on the mesenchymal stem cell in immunotherapy (Zhao et al). 2004;143:284-91 (Review)

Multipotency of $Flk1^{+}CD34^{-}$ progenitors derived from human fetal bone marrow (Fang et al). 2004;143:230-40

This month in J Lab Clin Med (Hammerschmidt). 2004;143: 196-7, 2004;143:267

*Streptococcus pneumoniae*

Clinical relevance of antimicrobial resistance in the management of pneumococcal community-acquired pneumonia (Feldman). 2004;143:269-83 (Review)

Lobar pneumonia (Hammerschmidt). 2004;143:327 (About the cover)

This month in J Lab Clin Med (Hammerschmidt). 2004;143: 265-6

**Stromal cells**

This month in J Lab Clin Med (Hammerschmidt). 2004;143:267

**T**

**Thrombelastograph**

A novel modification of the Thrombelastograph assay, isolating platelet function, correlates with optical platelet aggregation (Craft et al). 2004;143:301-9

**Thrombocythemia, hemorrhagic**

Detection of bcr-abl gene expression at a low level in blood cells of some patients with essential thrombocythemia (Hsu et al). 2004;143:125-9

Myeloproliferative megakaryocytosis (Hammerschmidt). 2004; 143:135 (About the cover)

This month in J Lab Clin Med (Hammerschmidt). 2004;143:71

**Thrombophilia**

Ischemic optic neuropathy (Hammerschmidt). 2004;143:193 (About the cover)

Nonarteritic anterior ischemic optic neuropathy: associations with homozygosity for the C677T methylenetetrahydrofolate reductase mutation (Glueck et al). 2004;143:184-92

Nonarteritic anterior ischemic optic neuropathy and thrombophilia: Is there an association? (Pomeranz). 2004;143:141-2 (Editorial)

This month in J Lab Clin Med (Hammerschmidt). 2004;143:137

**Thrombopoietin**

Interleukin-1B up-regulates the expression of thrombopoietin and transcription factors c-Jun, c-Fos, GATA-1, and NF-E2 in megakaryocytic cells (Chuen et al). 2004;143:75-88

**Transcription factors**

Interleukin-1B up-regulates the expression of thrombopoietin and transcription factors c-Jun, c-Fos, GATA-1, and NF-E2 in megakaryocytic cells (Chuen et al). 2004;143:75-88

**Transforming growth factor-beta**

Expression of transforming growth factor-B–inducible gene-h3 in normal and cyclosporine-treated rat kidney (Sun et al). 2004; 143:175-83

**Transplantation**

Mechanisms of and perspectives on the mesenchymal stem cell in immunotherapy (Zhao et al). 2004;143:284-91 (Review)

**Trientine hydrochloride**

Metal content of liver parenchyma after percutaneous ethanol injection or radiofrequency ablation in patients with hepatocellular carcinoma before and after trientine hydrochloride therapy (Fukuda et al). 2004;143:333-9

**U**

**Ubiquinone**

Effects of dichloroacetate and ubiquinone infusions on glycolysis activity and thermal sensitivity during sepsis (L'Her and Sebert). 2004;143:352-7

**Urinalysis**

Urinary test for cancer screening: an underestimated health economics pitfall? (Panou et al). 2004;143:366-7 (Letter)

**V**

**Vitamin D**

1-α,25-Dihydroxyvitamin $D_3$ regulates inducible nitric oxide synthase messenger RNA expression and nitric oxide release in macrophage-like RAW 264.7 cells (Chang et al). 2004;143: 14-22